central securities depository or central counterparty can take timely action to contain losses and liquidity pressures and to continue meeting its obligations and provides for key aspects of the default procedures to be publicly available.

- (11) The central securities depository or central counterparty ensures that final settlement occurs no later than the end of the settlement day and requires that intraday or real-time finality be provided where necessary to reduce risks.
- (12) The central securities depository or central counterparty eliminates principal risk by linking securities transfers to funds transfers in a way that achieves delivery versus payment.
- (13) The central securities depository or central counterparty states its obligations with respect to physical deliveries, and the risks from these obligations are identified and managed.
- (14) The central securities depository immobilizes or dematerializes securities certificates and transfers them by book entry to the greatest extent possible.
- (15) The central securities depository institutes risk controls that include collateral requirements and limits, and ensure timely settlement in the event that the participant with the largest payment obligation is unable to settle when the central securities depository extends intraday credit.
- (16) The central counterparty measures its credit exposures to its participants at least once a day and limits its exposures to potential losses from defaults by its participants in normal market conditions so that the operations of the central counterparty would not be disrupted and non-defaulting participants would not be exposed to losses that they cannot anticipate or control.
- (17) The central counterparty uses margin requirements to limit its credit exposures to participants in normal market conditions and uses risk-based models and parameters to set margin requirements and reviews them regularly. Specifically, the central counterparty—
- (i) Provides for annual model validation consisting of evaluating the performance of the central counterparty's

margin models and the related parameters and assumptions associated with such models by a qualified person who does not perform functions associated with the central counterparty's margin models (except as part of the annual model validation) and does not report to such a person.

- (ii) Reviews and backtests margin models and parameters at least quarterly
- (18) The central counterparty maintains sufficient financial resources to withstand, at a minimum, a default by the participant to which it has the largest exposure in extreme but plausible market conditions.
- (b) The Board, by order, may apply heightened risk-management standards to a particular designated financial market utility in accordance with the risks presented by that designated financial market utility. The Board, by order, may waive the application of a standard or standards to a particular designated financial market utility where the risks presented by or the design of that designated financial market utility would make the application of the standard or standards inappropriate.

## § 234.5 Changes to rules, procedures, or operations.

- (a) Advance notice.
- (1) A designated financial market utility shall provide at least 60-days advance notice to the Board of any proposed change to its rules, procedures, or operations that could materially affect the nature or level of risks presented by the designated financial market utility.
- (2) The notice of the proposed change shall describe—
- (i) The nature of the change and expected effects on risks to the designated financial market utility, its participants, or the market; and
- (ii) How the designated financial market utility plans to manage any identified risks.
- (3) The Board may require the designated financial market utility to provide additional information necessary to assess the effect the proposed change would have on the nature or level of risks associated with the utility's payment, clearing, or settlement

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activities and the sufficiency of any proposed risk-management techniques.

- (4) A designated financial market utility shall not implement a change to which the Board has an objection.
- (5) The Board will notify the designated financial market utility of any objection before the end of 60 days after the later of—
- (i) The date the Board receives the notice of proposed change; or
- (ii) The date the Board receives any further information it requests for consideration of the notice.
- (6) A designated financial market utility may implement a change if it has not received an objection to the proposed change before the end of 60 days after the later of—
- (i) The date the Board receives the notice of proposed change; or
- (ii) The date the Board receives any further information it requests for consideration of the notice.
- (7) With respect to proposed changes that raise novel or complex issues, the Board may, by written notice during the 60-day review period, extend the review period for an additional 60 days. Any extension under this paragraph will extend the time periods under paragraphs (a)(5) and (a)(6) of this section to 120 days.
- (8) A designated financial market utility may implement a proposed change before the expiration of the applicable review period if the Board notifies the designated financial market utility in writing that the Board does not object to the proposed change and authorizes the designated financial market utility to implement the change on an earlier date, subject to any conditions imposed by the Board.
  - $\hbox{(b) $Emergency $changes$.}$
- (1) A designated financial market utility may implement a change that would otherwise require advance notice under this section if it determines that—
  - (i) An emergency exists; and
- (ii) Immediate implementation of the change is necessary for the designated financial market utility to continue to provide its services in a safe and sound manner.
- (2) The designated financial market utility shall provide notice of any such emergency change to the Board as soon

- as practicable and no later than 24 hours after implementation of the change.
- (3) In addition to the information required for changes requiring advance notice in paragraph (a)(2) of this section, the notice of an emergency change shall describe—
  - (i) The nature of the emergency; and
- (ii) The reason the change was necessary for the designated financial market utility to continue to provide its services in a safe and sound manner.
- (4) The Board may require modification or rescission of the change if it finds that the change is not consistent with the purposes of the Dodd-Frank Act or any applicable rules, order, or standards prescribed under section 805(a) of the Dodd-Frank Act.
  - (c) Materiality.
- (1) The term "materially affect the nature or level of risks presented" in paragraph (a)(1) of this section means matters as to which there is a reasonable possibility that the change would materially affect the overall nature or level of risk presented by the designated financial market utility, including risk arising in the performance of payment, clearing, or settlement functions.
- (2) A change to rules, procedures, or operations that would materially affect the nature or level of risks presented includes, but is not limited to, changes that materially affect any one or more of the following:
- (i) Participant eligibility or access criteria:
  - (ii) Product eligibility;
  - (iii) Risk management;
- (iv) Settlement failure or default procedures:
  - (v) Financial resources;
- (vi) Business continuity and disaster recovery plans;
- (vii) Daily or intraday settlement procedures:
- (viii) The scope of services, including the addition of a new service or discontinuation of an existing service;
- (ix) Technical design or operating platform, which results in non-routine changes to the underlying technological framework for payment, clearing, or settlement functions; or
  - (x) Governance.

- (3) A change to rules, procedures, or operations that does not meet the conditions of paragraph (c)(2) of this section and would not materially affect the nature or level of risks presented includes, but is not limited to the following:
- (i) A routine technology systems upgrade;
- (ii) A change in a fee, price, or other charge for services provided by the designated financial market utility:
- (iii) A change related solely to the administration of the designated financial market utility or related to the routine, daily administration, direction, and control of employees; or
- (iv) A clerical change and other nonsubstantive revisions to rules, procedures, or other documentation.

## § 234.6 Access to Federal Reserve Bank accounts and services.

- (a) This section applies to any designated financial market utility for which the Board may authorize a Federal Reserve Bank to open an account or provide services in accordance with section 806(a) of the Dodd-Frank Act. Upon receipt of Board authorization and subject to any limitations, restrictions, or other requirements established by the Board, a Federal Reserve Bank may enter into agreements governing the details of its accounts and services with a designated financial market utility, consistent with this section and any other applicable Board direction. The agreements may include, among other things, provisions regarding documentation to establish the account and receive services, conditions imposed on the account and services, service charges, reporting, accounting for activity in the account, liability and duty of care, and termination.
- (b) A Federal Reserve Bank should ensure that its establishment and maintenance of an account for or provision of services to a designated financial market utility does not create undue credit, settlement, or other risk to the Reserve Bank. In order to establish and maintain an account with a Federal Reserve Bank or receive financial services from a Federal Reserve Bank, the designated financial market utility must be in compliance with the

- Supervisory Agency's regulatory and supervisory requirements regarding financial resources, liquidity, participant default management, and other aspects of risk management, as determined by the Supervisory Agency. In addition, at a minimum, the designated financial market utility must, in the Federal Reserve Bank's judgment—
- (1) Be in generally sound financial condition, including maintenance of sufficient working capital and cash flow to permit the designated financial market utility to continue as a going concern and to meet its current and projected operating expenses under a range of scenarios;
- (2) Be in compliance with Board orders and policies, Federal Reserve Bank account agreements and, as applicable, operating circulars, and other applicable Federal Reserve requirements regarding the establishment and maintenance of an account at a Federal Reserve Bank and the receipt of financial services from a Federal Reserve Bank; and
- (3) Have an ongoing ability, including during periods of market stress or a participant default, to meet all of its obligations under its agreement for a Federal Reserve Bank account and services, including by maintaining—
- (i) Sufficient liquid resources to meet its obligations under the account agreement;
- (ii) The operational capacity to ensure that such liquid resources are available to satisfy the account obligations on a timely basis in accordance with the account agreement; and
- (iv) Sound money settlement processes designed to adequately monitor its Federal Reserve Bank account on an intraday basis, process money transfers through its account in an orderly manner, and complete final money settlement no later than the value date.
- (c) The Board will consult with the Supervisory Agency of a designated financial market utility prior to authorizing a Federal Reserve Bank to open an account, and periodically thereafter, to ascertain the views of the Supervisory Agency regarding the designated financial market utility's compliance with the requirements in paragraph (b) of this section.